

Sub A
Abstract

Optical transmission system

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The invention relates to an optical transmission system (OTS) comprising a plurality of optical fiber line sections (FDS) with in each case an optical fiber (SSMF) and a dispersion compensation unit (DCF), in the 10 case of which dispersion compensation units (DCF) are provided that compensate the fiber dispersion (d) of a plurality of fiber line sections (FDS_1 to FDS_4) in such a way that the remaining residual dispersion (D_{rest}) per 15 compensated fiber line section (FDS_1 to FDS_4) rises at least virtually uniformly by the same absolute-magnitude dispersion (ΔD) in each case.

Figure 2